



IFW

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Michael ZARKH, et al.) Re: Information Disclosure
Serial No.: 10/565,224) Statement
Filed: January 20, 2006) Group: not yet assigned
For: "METHOD AND SYSTEM FOR IDENTIFYING)
OPTIMAL IMAGE WITHIN A SERIES OF) Examiner: not yet assigned
IMAGES THAT DEPICT A MOVING)
ORGAN") Our Ref: B-5874PCT 623203-7
) Date: February 19, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO/SB/08a (08-03) before issuing the first Office Action on the merits. Copies of the foreign patent and non-patent documents listed on Form PTO/SB/08a are enclosed herewith.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.



Information Disclosure Statement
USSN 107565224
February 19, 2007
Page 2

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

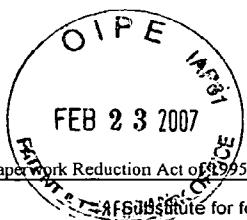
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on February 19, 2007 by Veronica Yoon.

Respectfully submitted,

Robert Popa
Attorney for Applicant
Reg. No. 43,010

LADAS & PARRY
5670 Wilshire Boulevard
Suite 2100
Los Angeles, CA 90036
(323) 934-2300

Enclosures: Form PTO/SB/08a (3 pages)
copies of foreign patent and non-patent documents as listed



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

A substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

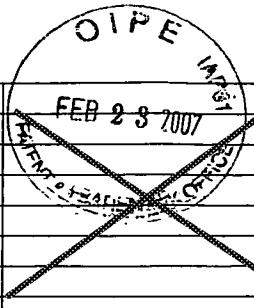
(use as many sheets as necessary)

Sheet	1	of	3	Attorney Docket Number	B-5874PCT 623203-7
-------	---	----	---	------------------------	--------------------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AA/	1	US-5,583,902	12-10-1996	BAE	
	2	US-6,505,064	1-7-2003	LIU ET AL	
	3	US-6,047,080	4-4-2000	CHEN ET AL	
	4	US-6,503,203	1-7-2003	RAFTER ET AL	
	5	US-6,351,513	2-26-2002	BANI-HASHEMI ALI ET AL	
	6	US- 2002/057825	5-16-2002	EVRON RAMI ET AL	
	7	US- 6,195,577	2-27-2001	TRUWIT CHARLES ET AL	
	8	US- 5,175,773	12-29-1992	BOULIOU et al.	
	9	US- 6 748,259	6-8-2004	Benaron et al.	
	10	US- 2004/ 0136491	7-15-2004	Iatrou et al.	
	11	US- 4 263,916	4-28-1981	Brooks et al.	
	12	US- 6,246,898	6-12-2001	vesly et al.	
	13	US- 5,699,799	12-23-1997	xu et al.	
	14	US- 6,301,498	10-9-2001	greenberg et al.	
	15	US- 6,167,296	12-26-2000	Shahidi	
	16	US- 5,729,129	3-1-1998	Acker	
	17	US- 5,840,025	11-1-1998	Ben Haim	
	18	US- 6,233,476	5-1-2001	Strommer et al.	
	19	US- 6,249,695	6-1-2001	Damadian	
	20	US- 6,990,368	1-1-2006	Simon et al.	
	21	US- 2004/0102697	5-27-2004	Evron	
	22	US- 5,734,384	3-31-1998	Yanof	
	23	US- 5,175,773	12-29-1992	Garreau et al.	
	24	US- 6,501,848	12-1-2002	Carroll et al	
	25	US- 6,332,034	12-18-2001	MAKRAM-EBEID ET AL	
	26	US- 6,381,350	4-30-2002	KLINGENSMITH ET AL	
	27	US- 6,385,332	5-7-2002	ZAHALKA ET AL	
	28	US- 6,463,309	10-8-2002	ILIA	
	29	US- 5,203,777	4-20-1993	LEEQ	
	30	US- 6,544,230	4-8-2003	FLAHERTY ET AL	
	31	US- 2005/0113686	5-26-2005	PECKHAM	
	32	US- 5,718,724	2-17-1998	GOICOECHEA ET AL	
	33	US- 5,912,945	6-15-1999	DA SILVA ET AL	
	34	US- 6,027,460	9-14-1995	SHTURMAN	
	35	US- 6,290,673	9-18-2001	SHANLEY	
	36	US- 6,709,444	3-23-2004	MAKOWER	
	37	US- 6,190,353	2-20-2001	MAKOWER ET AL	
	38	US- 6,334,864	1-1-2002	AMPLATZ ET AL	
	39	US- 2003/0032866	2-13-2003	DGANY ET AL	
	40	US- 2003/0032866	2-13-2003	DGANY ET AL	
	41	US- 5446800	8-29-1995	BRIGGS ET AL	
	42	US- 4,889,128	12-26-1989	MILLAR	
	43	US- 6,094,591	7-25-2000	FOLTZ ET AL	
	44	US- 5,732,707	3-31-1998	WIDDER ET AL	





/AA/	45	US- 5,207,226	5-4-1993	BAILIN ET AL
	46	US- 6,389,104	6-30-2000	BENI-HASHEMI ET AL
	47	US- 6,317,621	4-27-2000	GRAUMANN ET AL
	48	US- 6,535,756	4-7-2000	SIMON ET AL
	49	US- 2003/0199759	4-15-2003	RICHARD
	50	US- 3,357,550	9-9-1992	ASAHINA ET AL
	51	US- 5,978,439	2-5-1998	KOPPE ET AL

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/AA/	52	WO 2005/020148	3-3-2005	PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH; KONINKLIJKE PHILIPS EL		
	53	WO 96 25881	8-29-1996	UNSGAARD GEIRMUND; OLSTAD BJOERN; GROENNINGSAETER AAGE		
	54	WO 99 13432	3-18-1999	UNIV IOWA RES FOUND		
	55	EP 1 005 835	6-7-2000	SIEMENS ELEMA AB		
	56	WO 01 58359	8-16-2001	ZANELLI CLAUDIO I		
	57	DE 100 47 314	4-5-2001	SIEMENS CORP RES INC		
	58	EP 0 885 594	12-23-1998	MEDINOL LTD		
	59	WO 2005/031635	4-7-2005	PAIEON, INC; KLAIMAN, MOSHE; ZARKH, MICHAEL		
	60	WO 2005/008583	1-27-2005	PAIEON, INC; ZARKH, MICHAEL; KLAIMAN, MOSHE		
	61	WO 01/85030	11-15-2001	PAIEON, INC; EVRON, RAMI; ASSIS, TSURIEL; CARMIELI, REN		
	62	WO 2006/033113	3-30-2006	Paieon inc. Zarkh		
	63	WO 2006/061815	6-15-2006	Paeion Inc. Asis et al.		
	64	WO 02/36013	5-10-2002	Paieon inc. Evron		
	65	WO 03/096884	2-19-2004	JESBERGER ET AL		
	66	RU 2,119,765	10-10-1988	VAGNER ET AL		

Examiner Signature /Andrae Allison/ Date Considered 09/12/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	3	174.1038	3	Attorney Docket Number	B-5874PCT 623203-7
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/AA/	67	PENNEY G P ET AL "A Comparison of Similarity Measures for Use in 2-D-3-D Medical Image Registration" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, Vol. 17 ,No. 4. Pages 586-595			
	68	RUSSAKOFF D B ET AL "Intensity-based 2D-3D spine image registration incorporating a single fiducial marker" ACADEMIC RADIOLOGY, RESTON, VA, US, Vol. 12, No. 1. Pages 37-50			
	69	SRIHARI R ET AL "Image background search: combining object detection techniques with content-based image retrieval (CBIR) systems" CONTENT-BASED ACCESS OF IMAGE AND VIDEO LIBRARIES, 1999. (CBAIVL '99). PROCEEDINGS. IEEE WORKSHOP ON FORT COLLINS, CO, US, LOS ALAMITOS, CA, USA,IEEE COMPUT. SOC, US, 1999, Pages 97-101			
	70	EIHO S ET AL "Preoperative and intraoperative image processing for assisting endovascular stent grafting" INFORMATICS RESEARCH FOR DEVELOPMENT OF KNOWLEDGE SOCIETY INFRASTRUCTURE, 2004.ICKS 2004. INTERNATIONAL CONFERENCE ON KYOTO, JAPAN 1-2 MARCH 2004, PISCATAWAY, NJ, USA,IEEE. Pages 81-88			
	71	CLOSE R A ET AL "Accuracy Assessment of Layer Decomposition Using Simulated Angiographic Image Sequences" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE SERVICE CENTE, PISCATAWAY, NJ, US, Vol. 20, No. 10. Pages 990-998			
	72	NELSON T R ET AL "Three-dimensional ultrasound imaging" ULTRASOUND IN MEDICINE AND BIOLOGY, NEW YORK, NY, US, Vol. 24, No. 9. Pages 1243-1270			
	73	BANKMAN I "Handbook of Medical Imaging Progressing and Analysis" 2000, ACADEMIC PRESS, SAN DIEGO, LONDON. Pages 359-374			
↓	74	Garreau M et al. " A knowledge-based approach for 3-D reconstruction and labeling of vascular networks from biplane Angiographic projections" IEEE transactions on medical imaging, US, IEEE inc. Vol.10 , No. 2			
Signature	/Andrae Allison/			Considered	09/12/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹. Applicant's unique citation designation number (optional). ². Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.